

BIO-DATA

Name: K. Kavitha

Designation: Sr. Assistant Professor

Department: IT

Date of Birth: 15th MAY 1984

Father Name: K.Lakshmayya

Mother Name: K.Devaki

Reservation Category : BC- D

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ISTE : LM 58314

Date of Joining in the Institution: 30-06-2005

Academic Excellence:

QUALIFICATION	BOARD UNIVERSITY	DIVISION	YEAR
M. Tech (CSE)	JNTUK, Kakinada	FIRST class with distinction	2009
B. Tech	AITAM, Tekkali	FIRST class with distinction	2005

Total Years of Experience: 9 Years

Period		Organization/Institution	Designation
JUN 2012	Till Date	AITAM, Tekkali	Sr. Asst. Prof.
JUN 2005	JUN 2012	AITAM, Tekkali	Asst. Prof.

Areas of Interest:

1. Computer Organization and Architecture
2. Design and Analysis of Algorithms
3. Data Mining



Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : 2
- iii) Bachelor Projects : 8

Memberships of Professional Societies and Other Organizations:

- 1. Life Member of Indian Society for Technical Education (ISTE) professional body.
- 2. Life Member of ACM.
- 3. Life Member of IETE.

Other Responsibilities:

- 1. Department In-Charge HOD.
- 2. NBA 1,2,3 Criteria Coordinator.
- 3. Department Autonomous Syllabus Coordinator
- 4. Department Women Counseling In charge.

Details of Publications:

- 1. “Sentiment Analysis for Sarcastic Messages in Social Media Using Deep Learning Techniques- An Empirical Study” Journal of Information Technology in Industry, Vol 9, Issue 2, April, 2021, ISSN (Print) : 2204-0595, ISSN (Online): 2203-1731 (**Web of Science Journal**)
- 2. “Emotion Espial In Online Applications” International Journal of Creative Research Thoughts(IJCRT), Vol 8, Issue 6, June, 2020, ISSN 2320-2882
- 3. “Energy efficient Hybrid Optimization based K-means Clustering and Load balancing using Optimized AODV for WSN” Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, 2018.
- 4. “Test stenography based on inter – word space statistics”, IJCST Vol 8(1) Jan – Mar, 2017, ISSN 0976-8491
- 5. “An efficient ASCII value based image stenography”, IJESC, Vol 6(5), DOI10.4010/2016.1406, ISSN 2321-3361
- 6. “A Novel 4X4 LSD Pixel based substitution approach for image stenography”, IJCSIT Vol 6(5), 2015 ISSN 0975-9646
- 7. “An Adaptive Approach for Watermarking Using DCT and DWT” , IJACS Volume 4, Issue 1, January 2015 ISSN 2347 – 8616.
- 8. “An Efficient Encrypted Digital Image Watermarking Scheme”, IJSRM *Volume-2 Issue-10 Pages:1494-1497 Oct 2014* ISSN (e): 2321-3418

9. "Cluster Based Secure Communication through Shamir Secret Sharing Technique", *IJETT – Volume 18 Number2- Dec 2014* ISSN: 2231-5381.
10. "A Novel Approach for Detection of Worm" , *IJCST* Vol. 4, Issue 1, Jan - March 2013 ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print)
11. "Watermarking Scheme for Color Images", *IJETTCS* Volume 2, Issue 5, September-October 2013 ISSN 2278-6856

Patent Publications:

1. Dip-Intelligent Neural Networks: Digital Image Processing Using Intelligent Neural Networks System, Published on the Patent Office Journal No. **52/2020** Dated 25/12/2020, Page No.63231, Early Publication (Chennai).

Details of Conferences / Workshops / Refresher Courses Organized:

1. Co-Convenor for One Day webinar on Women entrepreneurship Development Program "WOMEN ENTREPRENEUR OPPORTUNITIES AND CHALLENGES In 21st CENTURY" 27th Feb-2021 ,AITAM,Tekkali
2. Co-Convenor for "One Week FDP on Machine Learning and Its Applications" 4th -8th July2020,Organized by Department of Information Technology.

Details of Conferences / Workshops / Refresher Courses Attended:

1. One week FDP on "Deep Learning Using PYTHON Programming "during 04th – 08th November 2019, organized by E&ICT Academy, NIT Warangal and MVGR College of Engineering.
2. A Two day workshop on Outcome Based Education from 13th to 14th July-2019 at AITAM, Tekkali..
3. One week FDP on "Artificial Neural networks (ANN) & Deep Learning "during 03rd – 08th June 2019, organized by E&ICT Academy, NIT Warangal and MVGR College of Engineering.
4. One week Workshop on "Big Data Analytics "during 21st – 25th May 2018, organized by E&ICT Academy, NIT Warangal.
5. An AICTE sponsored two week Faculty Development Program on Advances in Research Methods and Data Analytical Tools by Using SPSS for Social Sciences and Management from 26/02/2018 to 12/03/2018 at AITAM, TEKKALI.

6. One day Workshop on “Scientific Data Analytics" using R” on 24/02/2018 at AITAM, TEKKALI.
7. Presented a paper on “Sentiment Analysis using Multiple Classifiers”, 1st International conference on SMART TECHNOLOGIES IN DATA SCIENCE AND COMMUNICATION at VIT(A) from 30.12.2017-02.12.2017
8. One week workshop on “Applied Cryptography” from 13/11/2017 to 18/11/2017 at MVGRCE, VIZIANAGARAM.
9. A One Week FDP on "Analytics with R under TEIP Phase-II" from 20/10/2016 to 25/10/ 2016 at AITAM, TEKKALI.
10. Management capacity enhancement Training Programme Under TEQIP-II , Trichirapalli, Chennai campus from 25th July 2016 to 29th July 2016.
11. FDP on Analytics with R from 16/06/2016 to 21/06/ 2016 at Lendi Institute of Engg. & Technology, VZM
12. Two day national conference on “Recent Trends in Data Mining and Warehousing “ during 24th – 25th Nov-2015 sponsored by DSR Organized by Department of IT, AITAM, TEKKALI.
13. Two day National Workshop in “Big Data and Hadoop (NWHBD-14) “ during 18th – 19th Dec 2014, organized by the department of IT & CSE, GMRIT, RAJAM.
14. Workshop on Software Engineering and Allied Tools" 15th to 16th December, 2014 organized by department of IT.
15. Two day seminar on “Twenty First Century ,the dawn of Digital Era: Pedagogical Issues of Technical Teachers” on 15th and 16th Nov,2014 under TEQIP Phase-II organized by ISTE chapter, AITAM, TEKKALI.
16. Training Programme on SPSS hands on Experience 19th - 21st September 2014 organized by department of IT.
17. A seminar on “ Role of Women in Today’s Society – Challenges and Opportunities “ under TEQIP Phase-II on March 8th 2014.
18. A two day National Workshop on “**CYBER FORENSICS**” organized by the department of CS & SE, AUCE(A) held during 26th & 27th 2013.
19. Subject Domain Training on “**Android and it’s Applications**” from 25th to 30th April, 2013.
20. Train the trainer workshop on “**Cloud Computing and its Applications**” from 21st -22nd , 2013.
21. A three day refresher course on “**Modern Imaging Research: RESEARCH AVENUES AND CHALLENGES**” during 31st Jan-2nd Feb , 2013.

22. Workshop on “**Outcome Based Education**” under TEQIP Phase-II o 19th Jan-2013.
23. Workshop on Introduction to “**Support Vector machines with Applications**” Under TEQUIP Phase-II 16th -18th August 2012.
24. “**Mission 10X**” workshop conducted at AITAM, Tekkali, Srikakulam Dist.from 21st -25th Feb, 2011.
25. A three day workshop on “**Recent Trends in Image and Computer Vision**” conducted at AITAM, Tekkali on 28th and 30th OCT 2010.
26. STTP on “**Soft Computing**” from 2nd -6th MAR, 2010.
27. Faculty development programme on “**teaching methodology and techniques**” on 29th NOV, 2009.
28. “**Object Oriented Analysis and Design using Rational Rose and RUP**” 24th -26th Feb 2009.
29. National Workshop on “**Emerging Trends in Computational Biology**” 5th Oct 2008.
30. Refresher Corse on “**WEKA : A Datamining Tool**” 28th & 29th Sep 2007.

Online Workshops/ Webinars Attended:

1. “ FDP on Machine Learning Using Python Programming”, 10th - 16th June 2021, Organized by Department of IT, AITAM, Tekkali.
2. AICTE Training And Learning (ATAL) Academy **Online** FDP on "Artificial Intelligence" from 2020-12-14 to 2020-12-18 at CANARA ENGINEERING COLLEGE
3. One week online FDP on” Intelligent Computing on Data Science(ICDS-2020)” , 16th - 20th June 2020, Organized by Department of CSE, AITAM, Tekkali.
4. Webinar Series-I on “ Data Science”, 13th June 2020, GVPCE for Women, VISAKHAPATNAM
5. A 3-Day FDP on”Data Science Behind Natural Language Processing”, 8th June 2020-12th June 2020, LBRCE, MYLAVARAM .
6. Webinar on “Machine Learning In Medical Image Analysis: Recent Advances And Future Trends”, 06th June,2020, Narasaraopeta Engineering College (Autonomous) , NARASARAOPET.
7. APSSDC Online FDP on “Internet Of Things(Iot)”, 18th May 2020 - 30th May 2020, APSSDC.
8. FDP On “ Introduction To Data Science”,18th May 2020 - 22nd May 2020, Guntur Engg. College,Guntur
9. Two Day National Level Workshop on “Modern Methods For Teaching Learning Practices”, 12th May 2020-13th May 2020, KRISHNA UNIVERSITY, GUNTUR.

Coursera Courses:

S.No	Name of the faculty	Name of the Subject	No.Of Weeks
1	K.Kavitha	Programming for Everybody(Getting Started with Python)	4
2	K.Kavitha	Introduction To Data Science in Python	4
3	K.Kavitha	AI for Everyone	4
4	K.Kavitha	Logistic Regression with Numpy and Python	1

Other Achievements:

1. Ratified as Asst. Professor in 2012 in JNTUK selections.